



Community Meeting

March 22, 2018



Maria A. Hastings Elementary School

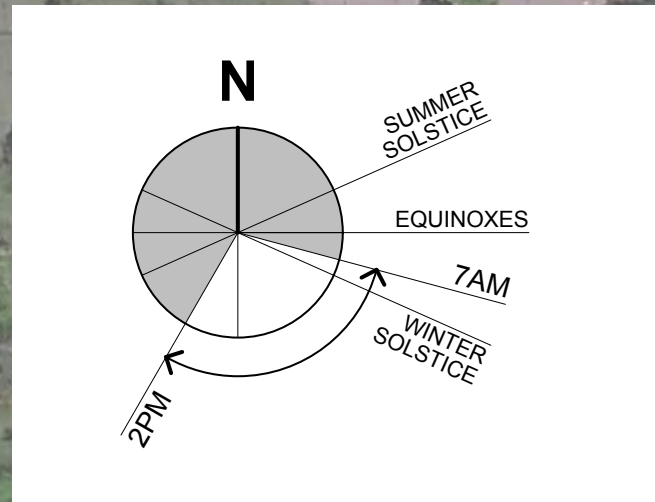
 **DINISCO DESIGN**
architects + planners

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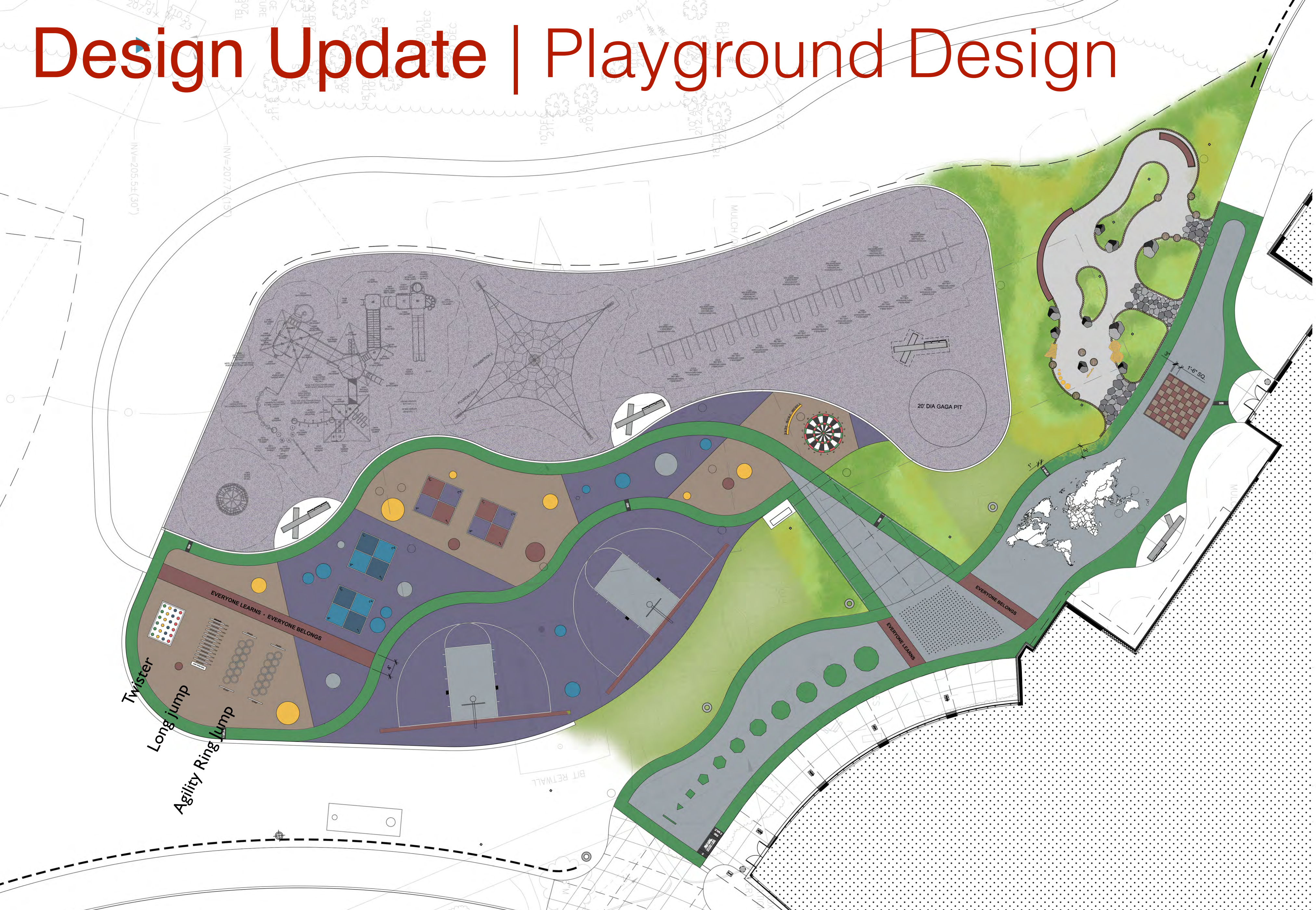
Agenda

- Team Introductions
- Design Update
- Schedule Overview
- Construction Logistics Review

Design Update | Site Plan



Design Update | Playground Design



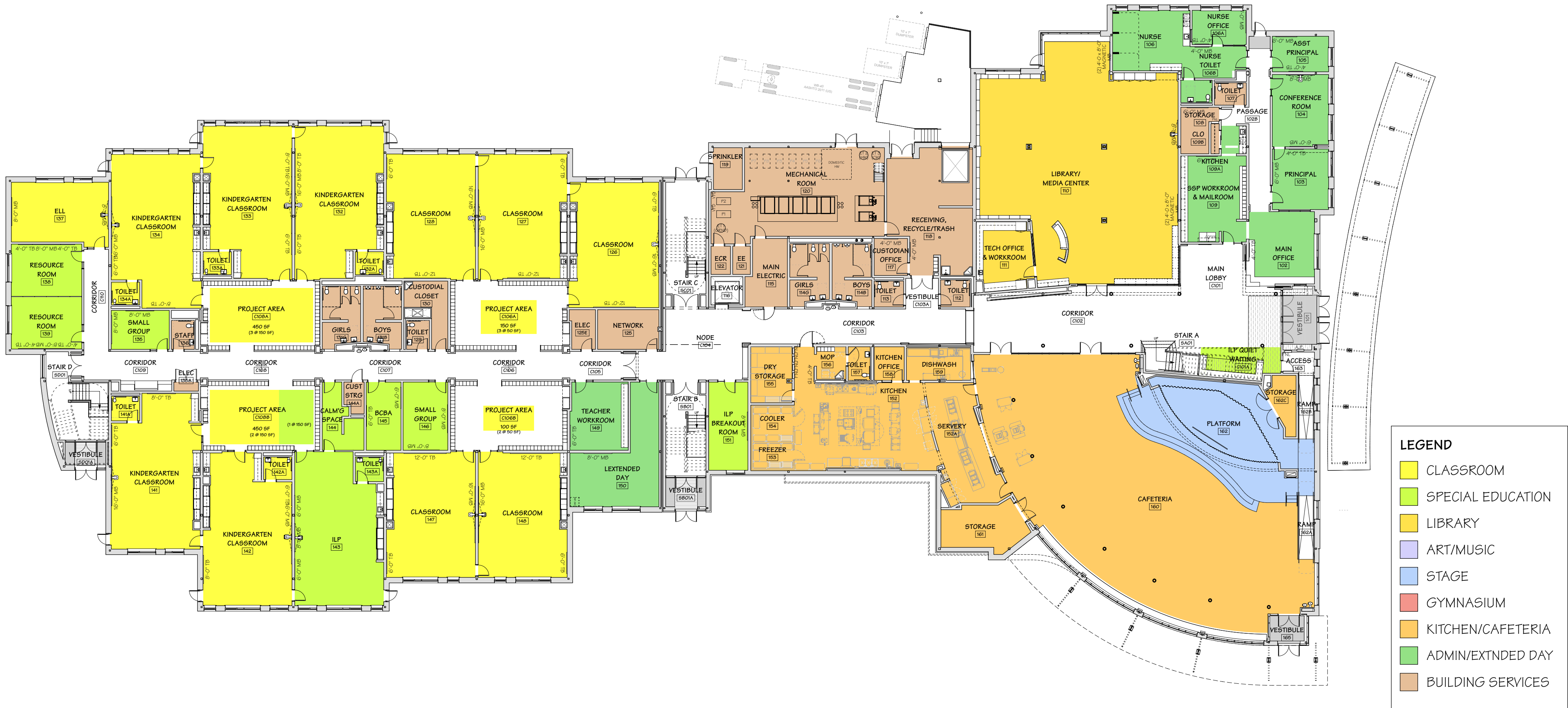
Design Update | Playground Design



Design Update | Playground Design



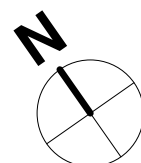
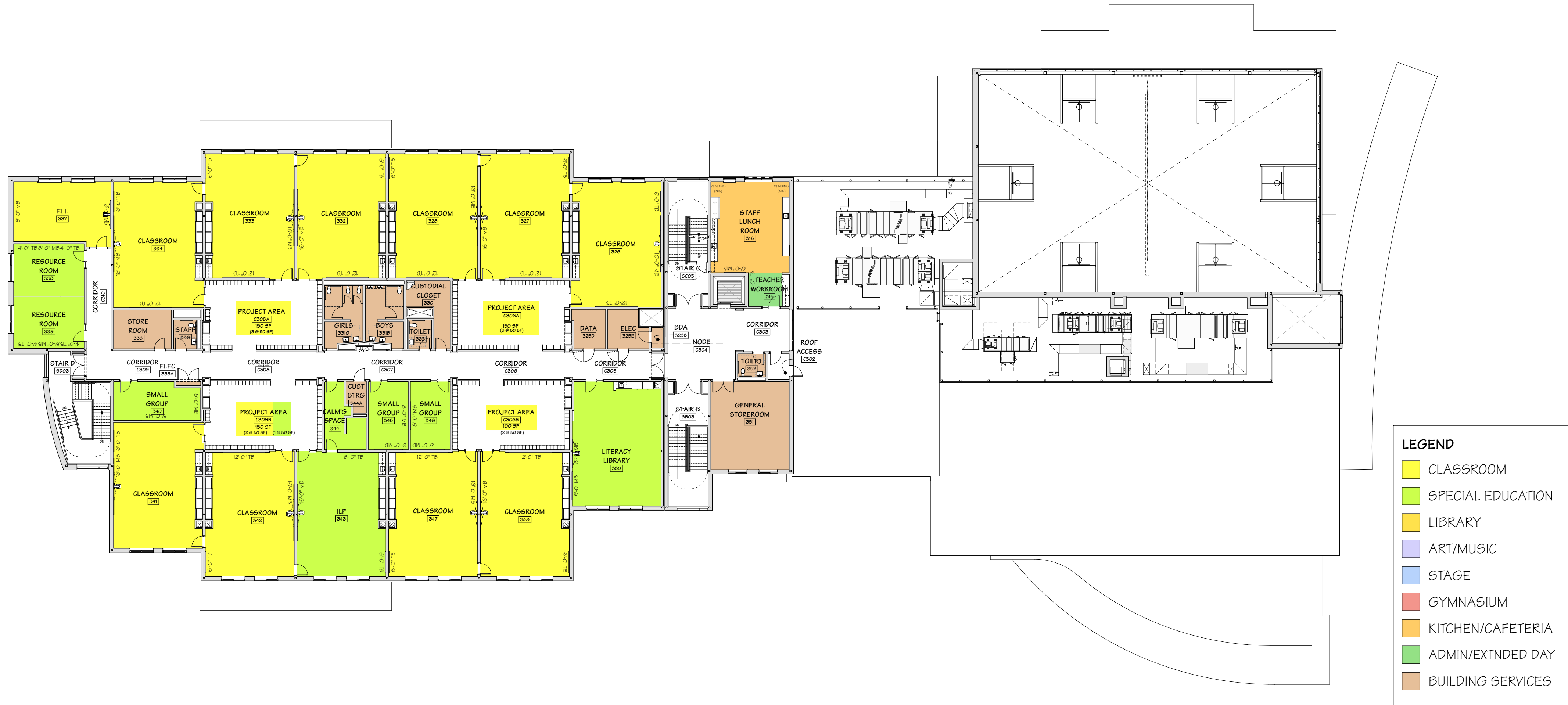
Design Update | First Floor Plan



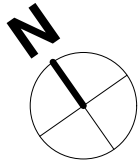
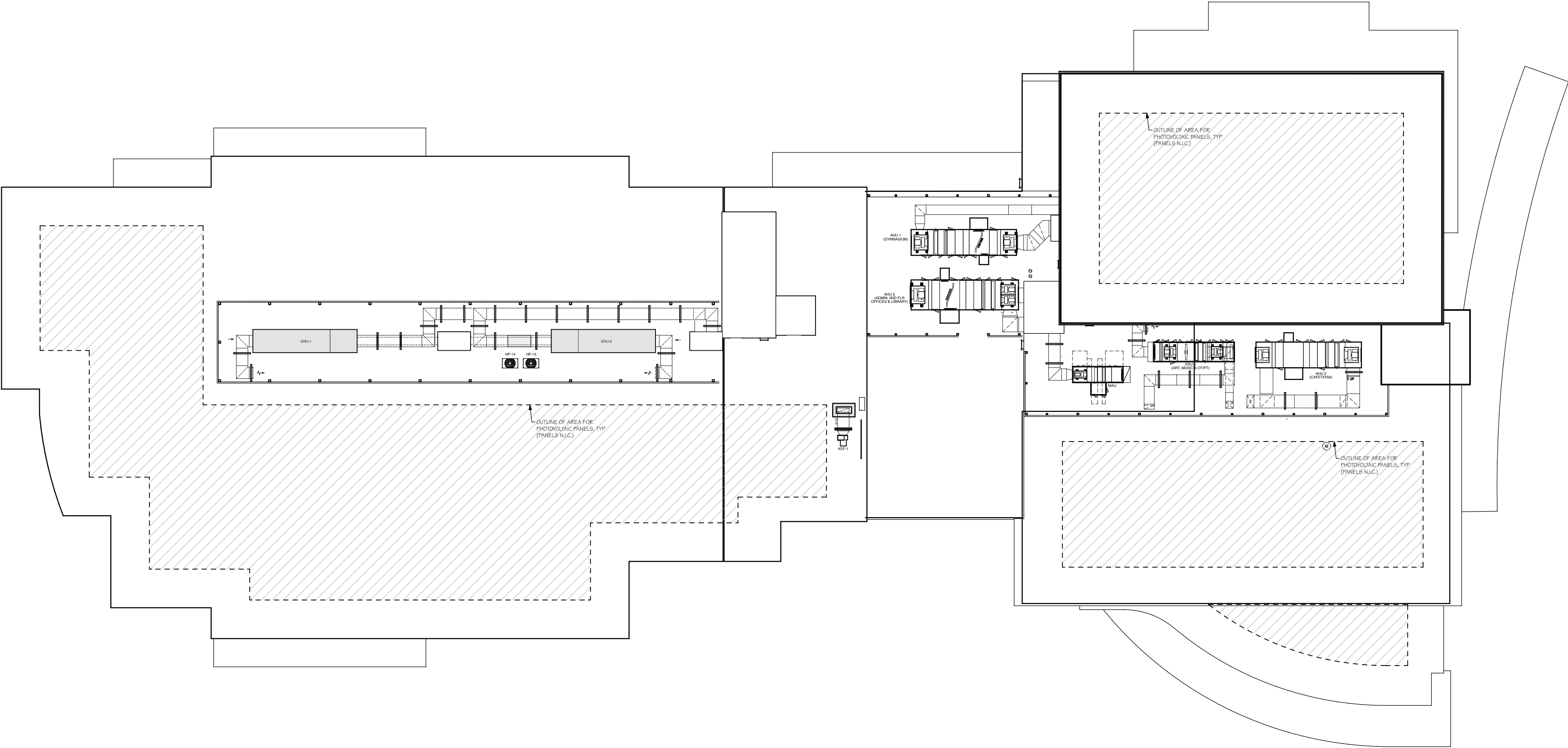
Design Update | Second Floor Plan



Design Update | Third Floor Plan



Design Update | Roof Plan



Design Update | View from Driveway



Design Update | East Elevation



Design Update | South & North Elevations



South Elevation



North Elevation

Design Update | West Elevation



Design Update | Entry Lobby View



Design Update | Entry Lobby View



Design Update | Cafeteria View



Design Update | Cafeteria View



Design Update | Library View



Design Update | Library View



Design Update | Library View



Design Update | Gallery View



Design Update | Gallery View



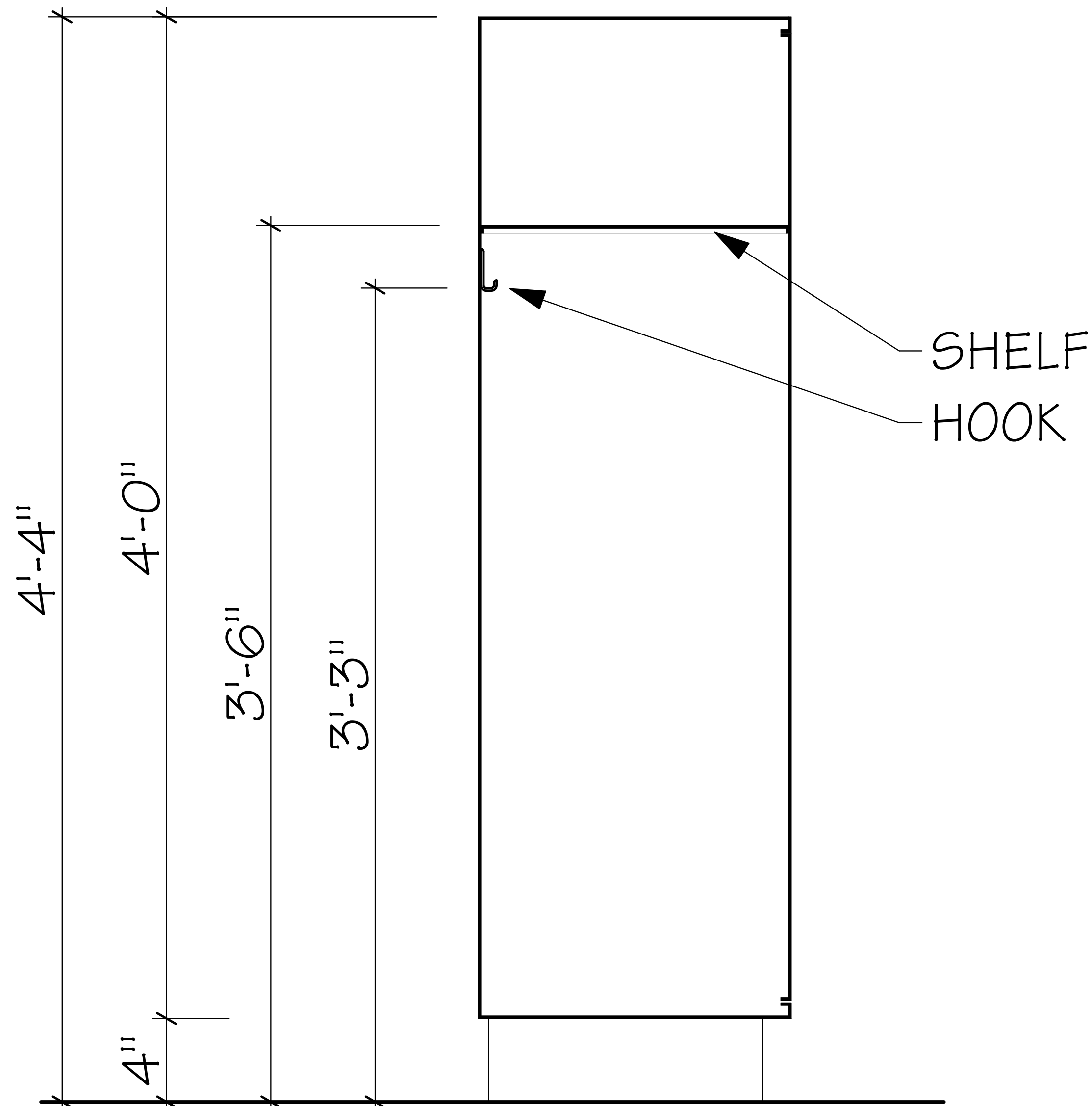
Design Update | Project Area View



Design Update | Project Area View



Design Update | Typical Locker



Design Update | Typical Classroom



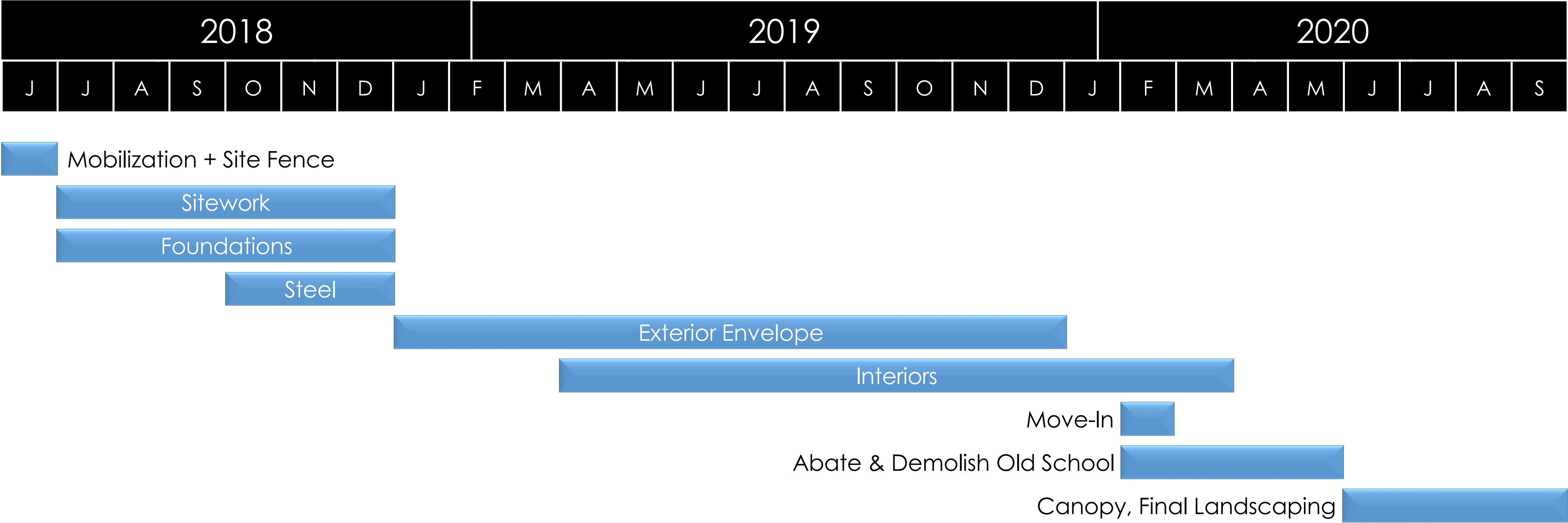
Design Update | Typical Classroom



Project Schedule | Milestones

- Early Construction
 - June 8, 2018 - June 22, 2018 Site Preparation
 - June 25, 2018 - Fall 2018 Geothermal Wells, Foundations & Steel
- Construction Completion
 - February 2020 - New Building Occupancy
 - August 2020 - Site Substantially Complete

Project Schedule | Construction



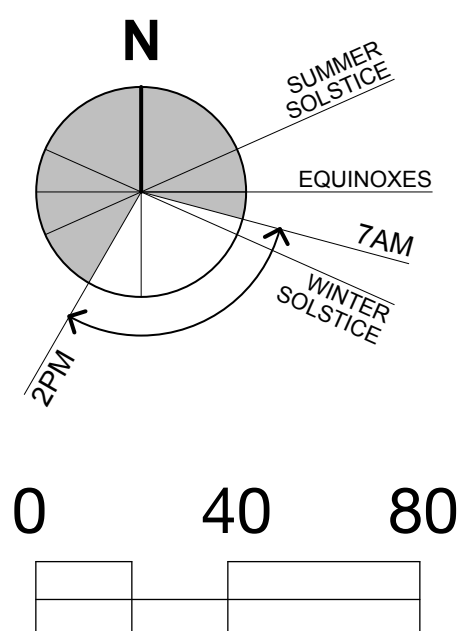
Construction | Phase 1A

June 8 - June 22, 2018

- Construction Fencing
- Install Erosion Control within Limit of Work
- Site Clearing
- Preparation of Utility Corridor / Construction Access

Work Hours

- All work in compliance with Town of Lexington Noise Ordinances, typically Monday through Friday, 7:00 AM to 3:30 PM, and Saturdays if required
- Deliveries coordinated with School Operations

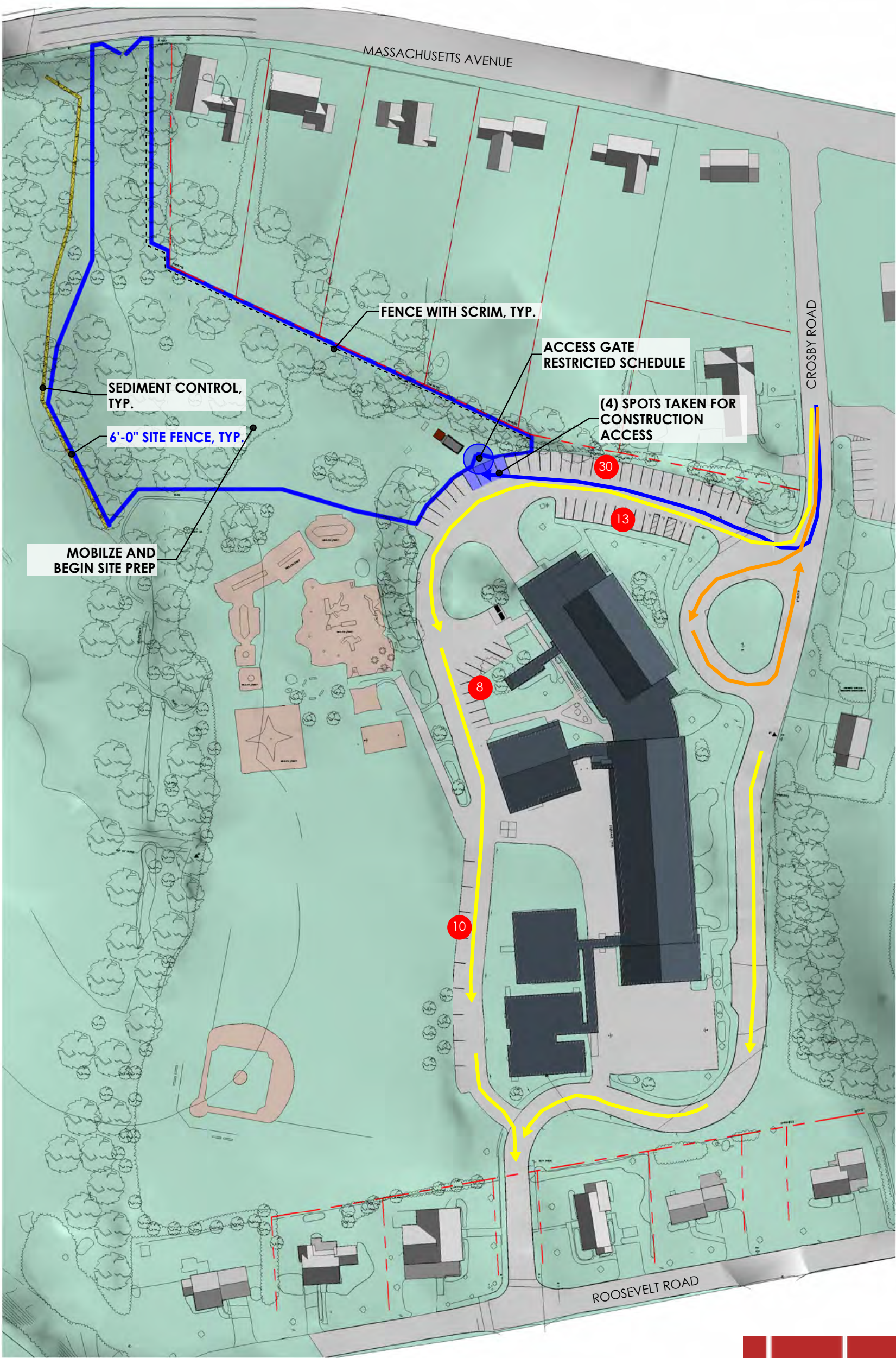


PARKING MATRIX #

	EXISTING	CONSTR.	FINAL
SCHOOL	74	70	120
CHURCH	16	16	0
TOTAL SPACES	90	86	120

TRAVEL PATHS

- ➡ BUSES & VANS
- ➡ VEHICLES
- ➡ CONSTRUCTION TRAFFIC
- ➡ BUILDING ENTRANCES/EXITS



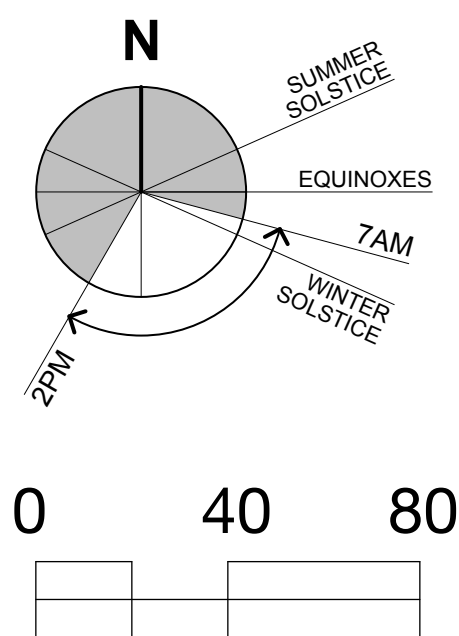
Construction | Phase 1B

June 25 - Aug 22, 2018

- Expand Construction Fencing
- Install Erosion Control for All Site
- Excavate for Building Foundations
- Ledge Removal
- Drilling for Geothermal Wells

Work Hours

- All work in compliance with Town of Lexington Noise Ordinances, typically Monday through Friday, 7:00 AM to 3:30 PM, and Saturdays if required
- Deliveries coordinated with School Operations

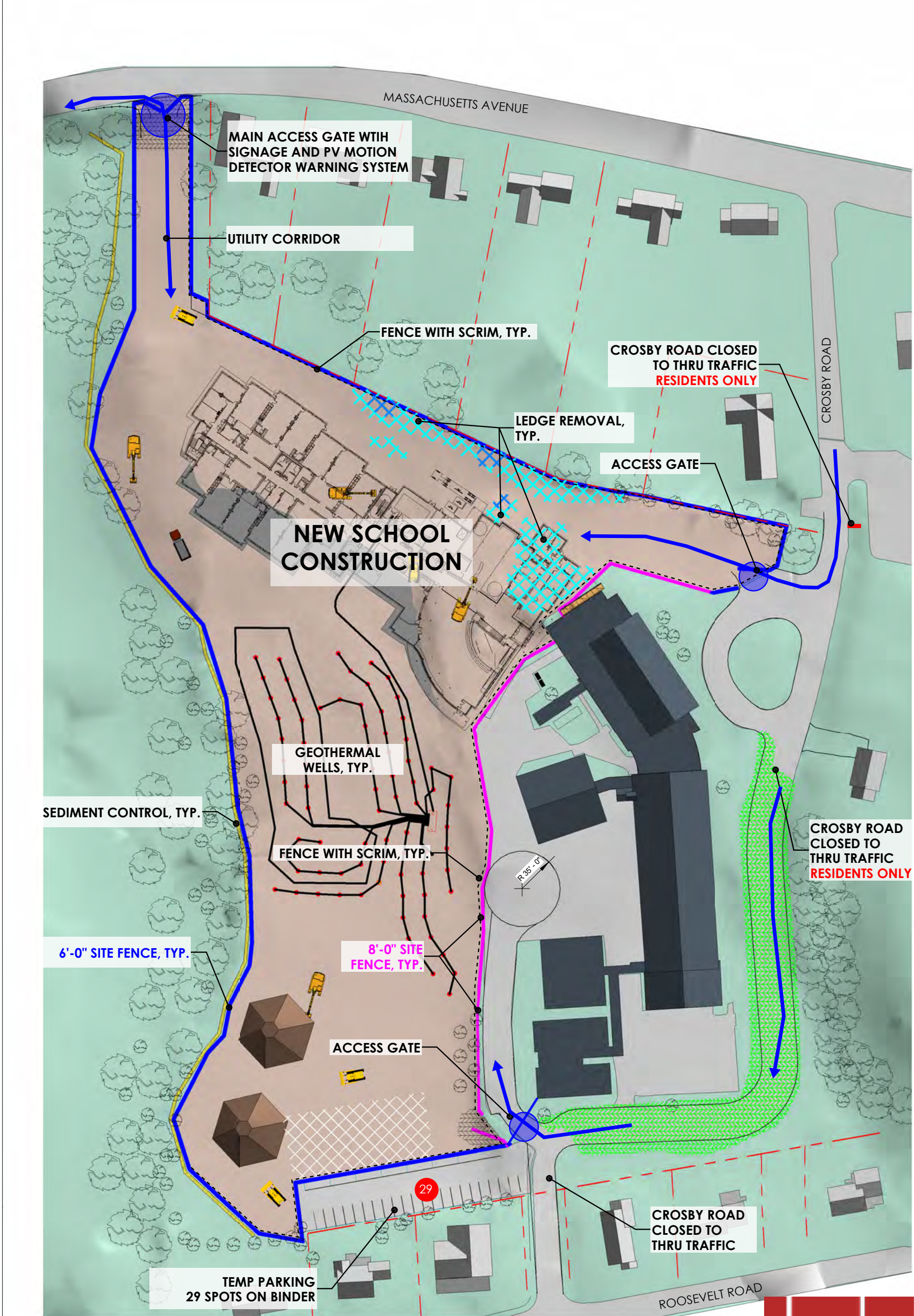


PARKING MATRIX

	EXISTING	CONSTR.	FINAL
SCHOOL	74	26	120
CHURCH	16	36	0
TOTAL SPACES	90	62	120

TRAVEL PATHS

- BUSES & VANS
- VEHICLES
- CONSTRUCTION TRAFFIC
- BUILDING ENTRANCES/EXITS



Construction | Ledge Removal

- Controlled Blasting Preparations
 - Lexington Fire Department permit
 - Pre-blast survey of neighboring properties
 - Remove vegetation and soil to expose ledge
- Safety Measures
 - Massachusetts licensed
 - Explosive charges will be stored off site until the day they are needed
 - A Lexington Fire Department detail will be on site whenever explosives are on site
 - Post blast reports including seismograph readings will be submitted to Lexington Fire Department

Construction | Ledge Removal

- Controlled Blasting
 - One blast per day - July & August 2018 and estimated April & May 2020
 - Blasting will occur between 8:00 am and 3:30 pm
 - Holes will be drilled in rock
 - Charges will be placed in holes
 - Charge holes will be covered with earth and mats to contain debris and dust
 - Wires are run to detonator
 - Warning whistles are sounded
- Advantages of Controlled Blasting v. Hammering Rock Into Pieces
 - Less noise and less dust
 - Faster completion

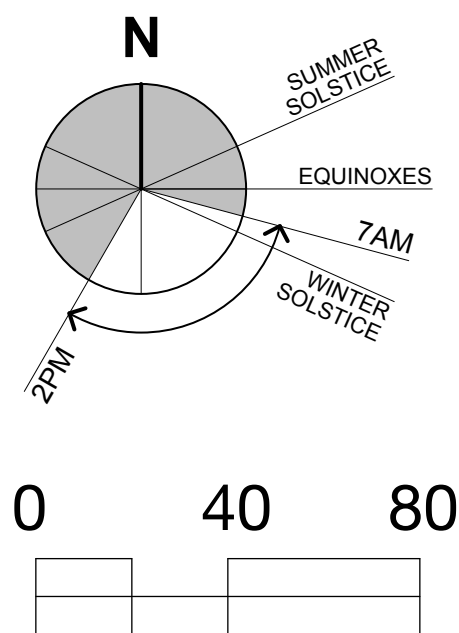
Construction | Phase 2A

Fall 2018 - Feb 2020

- Complete Geothermal Well Drilling (October 2018)
- Building Construction
- Fields and Playground Construction

Work Hours

- All work in compliance with Town of Lexington Noise Ordinances, typically Monday through Friday, 7:00 AM to 3:30 PM, and Saturdays if required
- Deliveries coordinated with School Operations

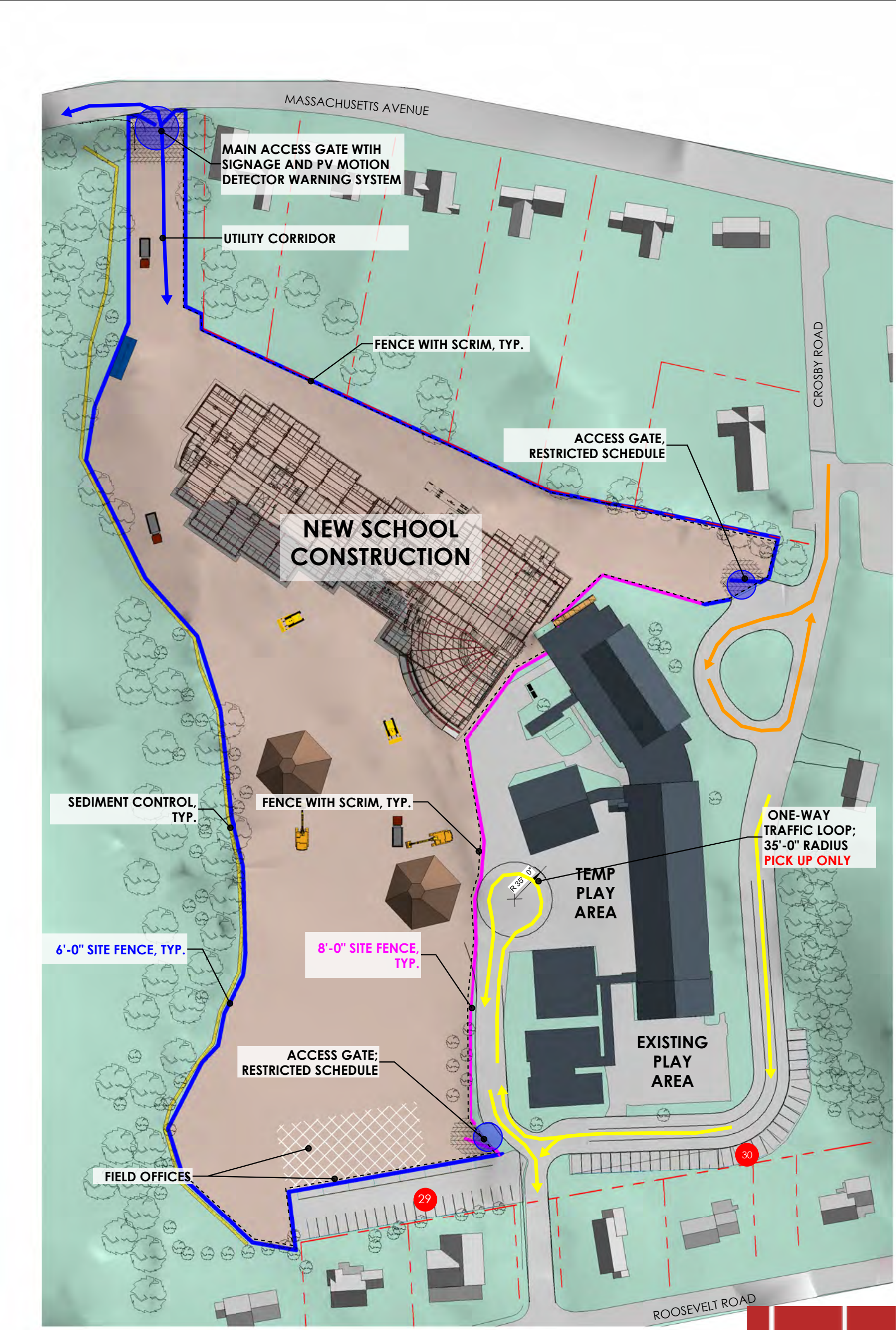


PARKING MATRIX

	EXISTING	CONSTR.	FINAL
SCHOOL	74	59	120
CHURCH	16	36	0
TOTAL SPACES	90	95	120

TRAVEL PATHS

- BUSES & VANS
- VEHICLES
- CONSTRUCTION TRAFFIC
- BUILDING ENTRANCES/EXITS



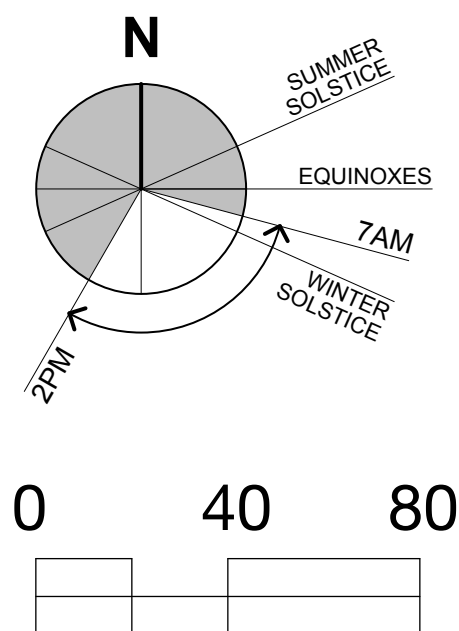
Construction | Phase 2B:

Summer 2019

- Ongoing Building Construction
- Playground Site Prep
- Complete Crosby Road Work (sidewalks, curbs, final paving and striping)

Work Hours

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- Deliveries coordinated with School Operations

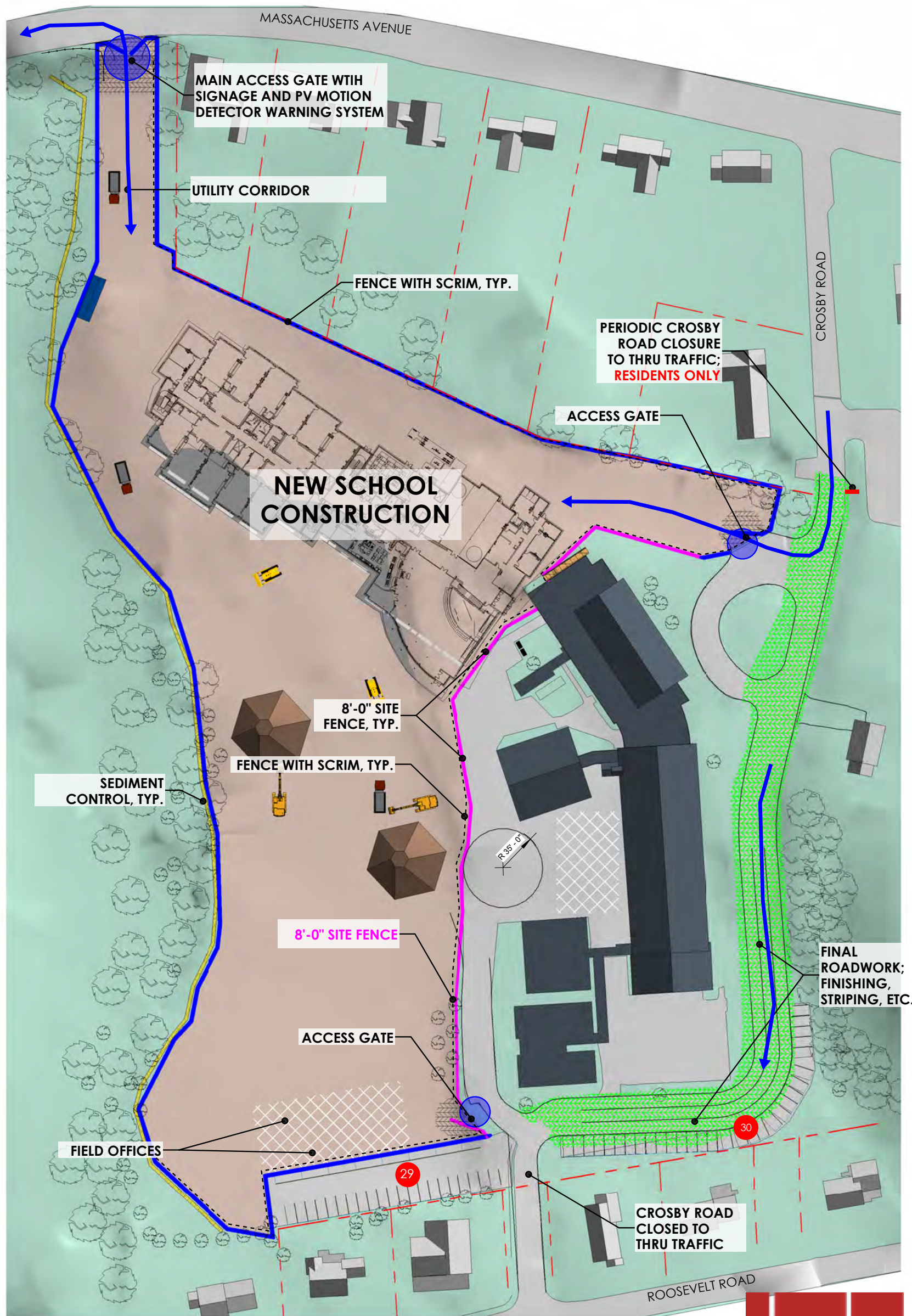


PARKING MATRIX

	EXISTING	CONSTR.	FINAL
SCHOOL	74	29	120
CHURCH	16	36	0
TOTAL SPACES	90	65	120

TRAVEL PATHS

- BUSES & VANS
- VEHICLES
- CONSTRUCTION TRAFFIC
- BUILDING ENTRANCES/EXITS



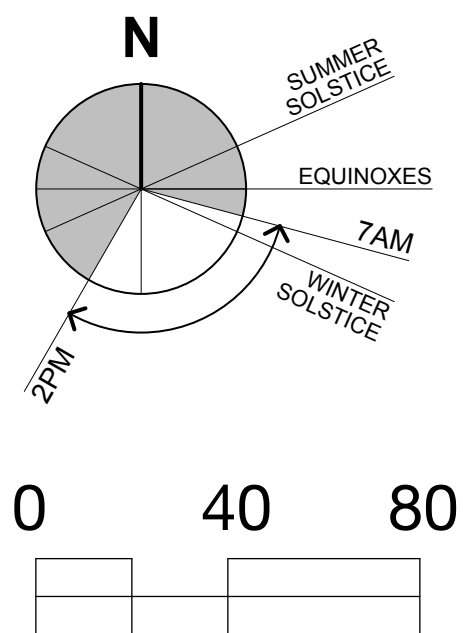
Construction | Phase 3

Feb 24 - June 19, 2020

- New School Complete and Occupied
- Complete Fields and Playground Construction
- Abate and Demolish Existing Building
- Ledge Removal

Work Hours

- All work in compliance with Town of Lexington Noise Ordinances, typically Monday through Friday, 7:00 AM to 3:30 PM, and Saturdays if required
- Deliveries coordinated with School Operations

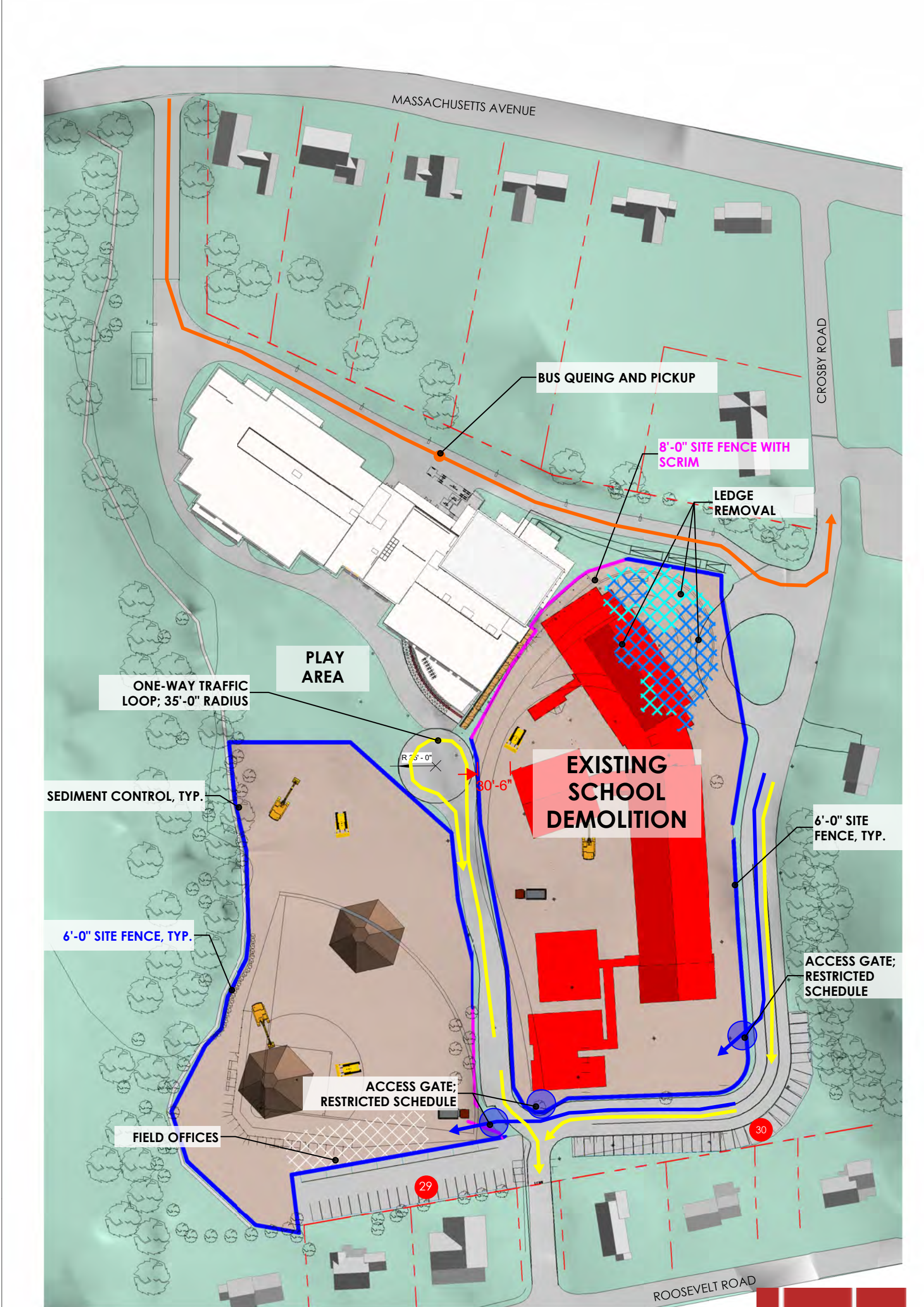


PARKING MATRIX

	EXISTING	CONSTR.	FINAL
SCHOOL	74	59	120
CHURCH	16	36	0
TOTAL SPACES	90	95	120

TRAVEL PATHS

- BUSES & VANS
- VEHICLES
- CONSTRUCTION TRAFFIC
- BUILDING ENTRANCES/EXITS



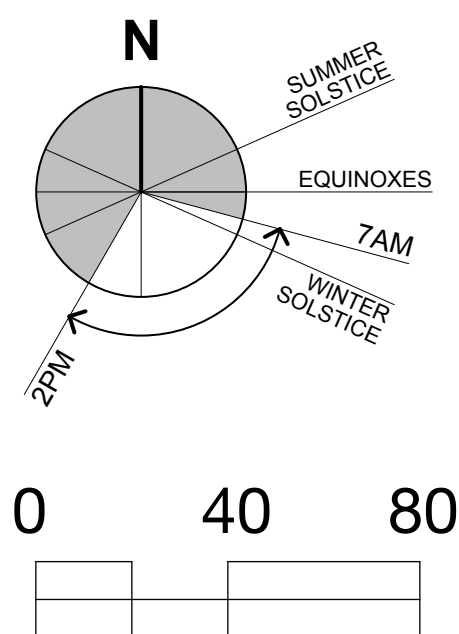
Construction | Phase 4

June 22 - Aug 28, 2020

- Substantially Complete Site Construction
- Complete Canopy Construction

Work Hours

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- Deliveries coordinated with School Operations

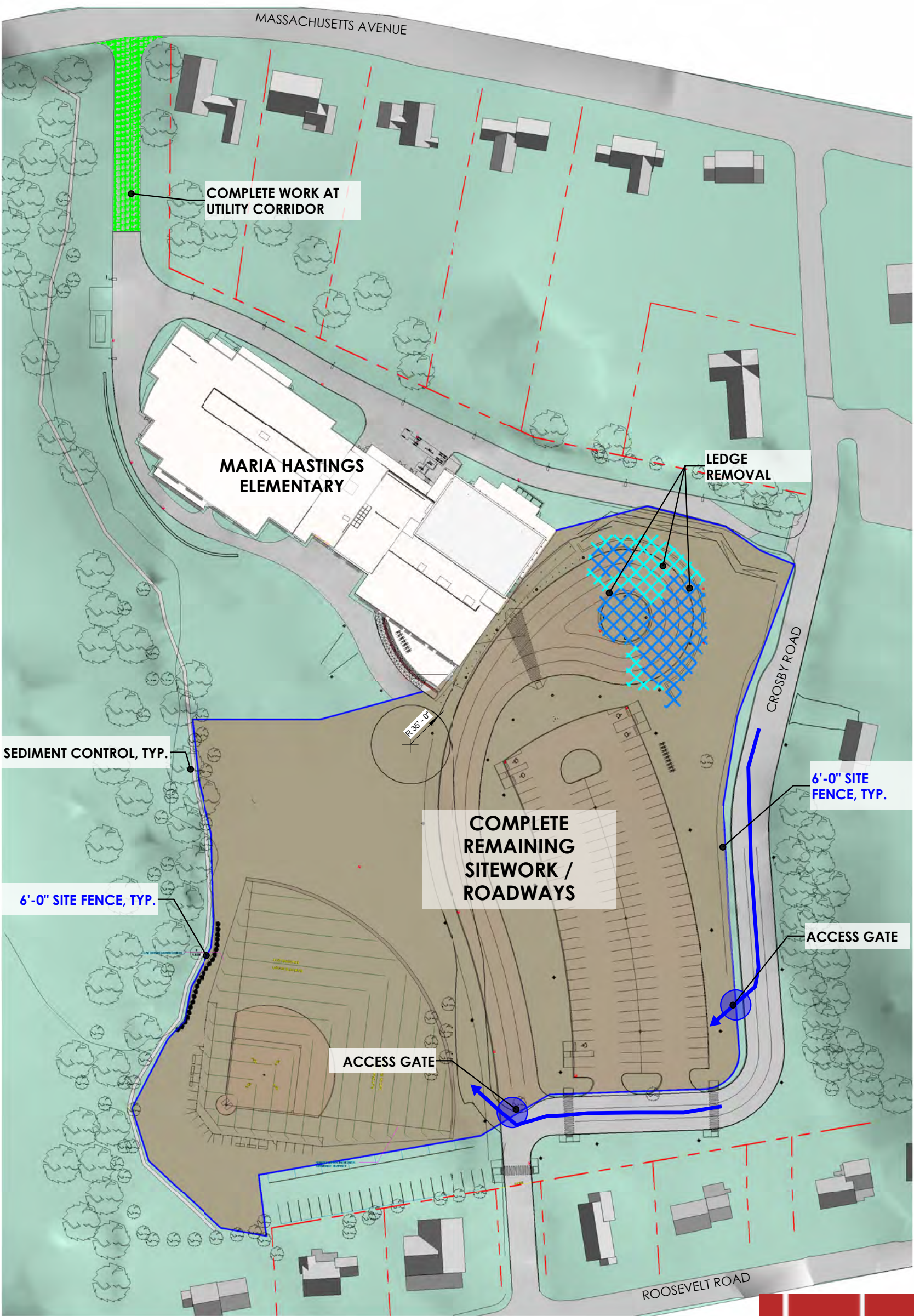


PARKING MATRIX #

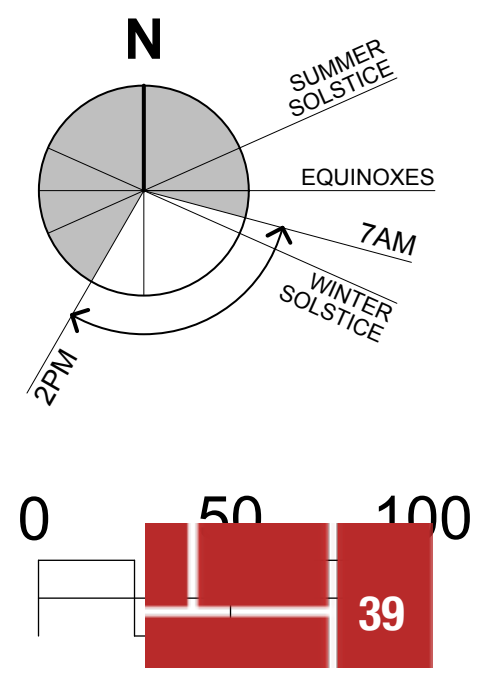
	EXISTING	CONSTR.	FINAL
SCHOOL	74	-	120
CHURCH	16	36	0
TOTAL SPACES	90	36	120

TRAVEL PATHS

➡ CONSTRUCTION TRAFFIC



Construction | Complete August 2020



Communication

- Hastings School Project Website
www.lexingtonmultipleprojects.com/projects/hastings-elementary-school/home/
- Live camera feed of construction
- Additional Communication

Design Update | Snow Clearing Plan

